

LINE W84-PF
SP 105-709

EAST

9-29-AS1-1E

MIGRATED STACK

TEXACO CANADA RESOURCES

CARCAJOU



SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
JUNE 1984
G.C. PAUL CHERNOFF

FIELD RECORDING

SHOT BY WESTERN GEOPHYSICAL
DATE SHOT APRIL 1984
PARTY 367
SOURCE DYNAMITE
CHARGE 2X1 KG
DEPTH 10 M
SHOT INTERVAL 60 M
GEOPHONE INTERVAL 15 M
PATTERN 9 OVER 15 M
TYPE SENSOR SM-7/30 HO
NUMBER OF GROUPS 96
SPREAD 750-45-X-45-750 M
INSTRUMENT TYPE DFS V
TAPE FORMAT SEGB
GAIN MODE 1PF
FIELD FILTER 12/128 HZ
NOTCH FILTER OUT
SAMPLE INTERVAL 2 MS

DIGITAL PROCESSING

- 1 DEMULTIPLEX AND BINARY GAIN REMOVAL
RECORD LENGTH 2 SEC
SAMPLE INTERVAL 2 MS
- 2 CDP GATHERS
1200 PERCENT FOLD
- 3 DATUM AND WEATHERING STATICS
DATUM 100 M
REPLACEMENT VELOCITY 4000 M/S
WEATHERING VELOCITY 610 M/S
- 4 VELOCITY FILTER
ATTENUATE EVENTS WITH AN
APPARENT VELOCITY LESS THAN 2900 M/S
- 5 AUTOMATIC GAIN RECOVERY
- 6 INSTRUMENT PHASE COMPENSATION
- 7 DECONVOLUTION-SPIKING
80 MS OPERATOR
ONE PERCENT PREWHITENING
WINDOW 100-1500 MS
- 8 SURFACE CONSISTENT RESIDUAL STATIS
WINDOW 200-1500 MS
CORRELATION LAG +/- 40 MS
- 9 VELOCITY ANALYSIS
CONSTANT VELOCITY STACKS
- 10 NORMAL MOVEOUT
- 11 SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 200-1500 MS
CORRELATION LAG +/- 30 MS
- 12 MUTE
0 AT 135 M
150 AT 150 M
300 AT 750 M
- 13 CDP STACK
1200 PERCENT FOLD
- 14 BANDPASS FILTER
9/15-100/110 HZ
- 15 EQUALIZATION
- 16 POST-STACK WAVE-EQUATION MIGRATION
90 PERCENT RMS-VELOCITIES
- 17 FILM DISPLAY
24 TPI
10 IPS

NORMAL POLARITY

S.P.

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1.0

1.1

1.2

1.3

1.4

1.5

1.6

1.7

1.8

1.9

2.0

2.1

2.2

2.3

2.4

2.5

2.6

2.7

2.8

2.9

3.0

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

4.0

4.1

4.2

4.3

4.4

4.5

4.6

4.7

4.8

4.9

5.0

5.1

5.2

5.3

5.4

5.5

5.6

5.7

5.8

5.9

6.0

6.1

6.2

6.3

6.4

6.5

6.6

6.7

6.8

6.9

7.0

7.1

7.2

7.3

7.4

7.5

7.6

7.7

7.8

7.9

8.0

8.1

8.2

8.3

8.4

8.5

8.6

8.7

8.8

8.9

9.0

9.1

9.2

9.3

9.4

9.5

9.6

9.7

9.8

9.9

10.0

10.1

10.2

10.3

10.4

10.5

10.6

10.7

10.8

10.9

11.0

11.1

11.2

11.3

11.4

11.5

11.6

11.7

11.8

11.9

12.0

12.1

12.2

12.3

12.4

12.5

12.6

12.7

12.8

12.9

13.0

13.1

13.2

13.3

13.4

13.5

13.6

13.7

13.8

13.9

14.0

14.1

14.2

14.3

14.4

14.5

14.6

14.7

14.8

14.9

15.0

15.1

15.2

15.3

15.4

15.5

15.6

15.7

15.8

15.9

16.0

16.1

16.2

16.3

16.4

16.5

16.6

16.7

16.8

16.9

17.0

17.1

17.2

17.3

17.4

17.5

17.6

17.7

17.8

17.9

18.0

18.1

18.2

18.3

18.4

18.5

18.6

18.7

18.8

18.9

19.0

19.1

19.2

19.3

19.4

19.5

19.6

19.7

19.8

19.9

20.0

20.1

20.2

20.3

20.4

20.5

20.6

20.7

20.8

20.9

21.0

21.1

21.2

21.3

21.4

21.5

21.6

21.7

21.8

21.9

22.0

22.1

22.2

22.3

22.4

22.5

22.6

22.7

22.8

22.9

23.0

23.1

23.2

23.3

23.4

23.5

23.6

23.7

23.8

23.9

24.0

24.1

24.2

24.3

24.4

24.5

24.6

24.7

24.8

24.9

25.0

25.1

25.2

25.3

25.4

25.5

25.6

25.7

25.8

25.9

26.0

26.1

26.2

26.3

26.4

26.5

26.6

26.7

26.8

26.9

27.0

27.1

27.2

27.3

27.4

27.5

27.6

27.7

27.8

27.9

28.0

28.1



2850 Watkey Rd. Downs, Ont.
Tel (613) 731-8571
Toll-free 1-800-363-3502
Cable: TERRA

PROJ. NO.

9 2 2 9 - A 3 1 - 1 E

LINE NO.

W 8 4 - P F

PART NO.

2 OF 2

R.R. 8X



TIME VRS
0 3350
210 3425
350 3585
470 3850
640 4250
850 4800
2000 5500

TIES LINE 1483-AN
S.P. 430

TIME VRS
0 3350
210 3425
350 3585
470 3850
640 4250
850 4800
2000 5500

TIES LINE 1484-BP
S.P. 241

TIME VRS
0 3350
210 3425
350 3585
470 3850
640 4250
850 4800
2000 5500

TIME VRS
0 3350
210 3425
350 3585
470 3850
640 4250
850 4800
2000 5500

